AMENDMENTS TO THE CLAIMS

1-4 (Cancelled)

5 (Previously Presented) A computer device according to claim 33, wherein the processor, memory, and touch-sensitive display are arranged as a data processing platform for a device selected from the group consisting of a hand-held computer, a telephone, a mobile data terminal, a set top box, an embedded processor, a notebook computer, a computer workstation, a printer, a copier, a facsimile machine, an in-car system, a domestic appliance, an audio player, a microwave oven, a washing machine, and a refrigerator.

6-16 (Cancelled)

17 (Previously Presented) A computer device according to claim 33, wherein the plurality of user interface commands includes a command for altering data content of the digital representation of the document.

18 (Previously Presented) A computer device according to claim 33, wherein the plurality of user interface commands includes a command for changing a scale of the document on the touch-sensitive display.

19-21 (Cancelled)

22 (Previously Presented) A computer device according to claim 33, wherein the plurality of commands includes a command for controlling a transparency characteristic of a document presented on the touch-sensitive display.

23 (Currently Amended) A computer device according to claim 22, wherein the command for controlling a transparency characteristic of the ~~image~~ document adjusts the visibility of the

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document ~~relative to a displayed image corresponding to a different document at least partially underlying the document~~.

24–32 (Cancelled)

33. (Currently Amended) A computer device having a system for simulating tactile control over a document, comprising

a processor, memory, and a touch-sensitive display,

system code stored within the memory and adapted to be executed by the processor to provide a digital representation of a document including data content and a page structure representative of a page layout of the document,

an engine for rendering an image of a portion of the page layout of the digital representation on the touch-sensitive display~~, wherein the portion comprises a first page of the document~~,

a display monitor in communication with the touch-sensitive display screen for detecting motion of a pointer across the touch-sensitive display,

an interface process in communication with the display monitor for processing the motion detected by the display monitor to detect one of a plurality of user interface commands, wherein the plurality of user interface commands includes a page flip command,

<u>a velocity detector for determining a velocity vector based on a velocity of the detected motion</u>;

wherein, in response to the user interface command detected by the interface process being the page flip command, the engine renders ~~a second page of the document on the touch-sensitive display~~ <u>a plurality of pages of the document across the touch-sensitive display, wherein the direction and rate at which the plurality of pages is rendered is determined based on the determined velocity vector</u>.

34 (Previously Presented) A computer device according to claim 33, wherein the interface process detects the page flip command in response to the display monitor detecting a brushing motion across the document rendered on the touch-sensitive display by the engine.

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35 (Previously Presented) A computer device according to claim 33, wherein the interface process detects the page flip command in response to the display monitor detecting a brushing motion across a corner of the document rendered on the touch-sensitive display by the engine.

36 (Previously Presented) A computer device according to claim 33, wherein the pointer comprises a stylus.

37 (Currently Amended) A computer device having a system for simulating tactile control over a document, comprising

a processor, memory, and a touch-sensitive display,

system code stored within the memory and adapted to be executed by the processor to provide a digital representation of a document including data content and a page structure representative of a page layout of the document,

an engine for rendering an image of at least a portion of the page layout of the digital representation on the touch-sensitive display,

a display monitor in communication with the touch-sensitive display screen for detecting motion of a pointer across the touch-sensitive display,

an interface process in communication with the display monitor for processing the motion detected by the display monitor to detect one of a plurality of commands, wherein the plurality of commands includes a zoom command,

a velocity detector for determining a velocity vector based on a velocity of the detected motion,

wherein, in response to the command detected by the interface process being the zoom command, the engine renders a zoomed version of the document, wherein the rendering of the zoomed version depends at least in part on the velocity vector.

38 (Previously Presented) A computer device according to claim 37, wherein interface process detects the zoom command in response to the display monitor detecting a clicking over the

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image rendered on the touch-sensitive display followed by a upward or downward movement of the pointer across the touch-sensitive display.

39 (Previously Presented) A computer device according to claim 38, wherein the clicking comprises a double-clicking.

40 (Previously Presented) A computer device according to claim 37, wherein the processor, memory, and touch-sensitive display are arranged as a data processing platform for a device selected from the group consisting of a hand-held computer, a telephone, a mobile data terminal, a set top box, an embedded processor, a notebook computer, a computer workstation, a printer, a copier, a facsimile machine, an in-car system, a domestic appliance, an audio player, a microwave oven, a washing machine, and a refrigerator.

41-42 (Canceled)

43 (Currently Amended) A computer device according to claim [[41]]37, wherein the determined velocity vector is applied to the zoom command to provide an inertial zoom.

44 (Previously Presented) A computer device according to claim 37, wherein the plurality of user interface commands includes a page flip command for flipping a page of a document.

45 (Previously Presented) A computer device according to claim 37, wherein the plurality of user interface commands includes a command for altering data content of the digital representation of the document.

46 (Previously Presented) A computer device according to claim 37, wherein the plurality of commands includes a command for controlling a transparency characteristic of a document presented on the touch-sensitive display.

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47 (Currently Amended) A computer device according to claim [[45]]46, wherein the command for controlling a transparency characteristic of the ~~image~~ document adjusts the visibility of the document ~~relative to a displayed image corresponding to a different document at least partially underlying the document~~.

48 (Previously Presented) A computer device according to claim 37, wherein the pointer comprises a stylus.

49 (Previously Presented) A computer device according to claim 37, wherein the zoom command is communicated to the engine as a view control input.

50 (Currently Amended) A computer device having a system for simulating tactile control over a document, comprising

a processor, memory, and a touch-sensitive display,

system code stored within the memory and adapted to be executed by the processor to provide a digital representation of a document including data content and a page structure representative of a page layout of the document,

an engine for rendering an image of at least a portion of the page layout of the digital representation on the touch-sensitive display,

a display monitor in communication with the touch-sensitive display screen for detecting motion of a pointer across the touch-sensitive display,

a velocity detector for determining a velocity vector associated with the detected motion,

an interface process in communication with the display monitor for processing the motion detected by the display monitor to detect one of a plurality of commands, wherein the plurality of commands includes a pan command,

wherein, in response to the command detected by the interface process being the pan command, the engine renders a series of pages of the document on the touch-sensitive display at a rate based on the determined velocity vector and a page inertia.

51 (Currently Amended) A computing device according to claim [[49]]50, wherein the rate at which the engine renders the series of pages of the document decreases over time based on the page inertia.

52 (Currently Amended) A computing device according to claim [[49]]50, wherein in response to the interface process detecting a subsequent pan command based on a subsequent motion of a pointer across the display, the engine alters the rate at which it renders the series of pages based on a velocity vector the velocity detector determines in relation to the subsequent motion.

53 (Previously Presented) A computer device having a system for simulating tactile control over a document, comprising

a processor, memory, and a touch-sensitive display,

system code stored within the memory and adapted to be executed by the processor to provide a digital representation of a document including data content and a page structure representative of a page layout of the document,

an engine for rendering an image of at least a first page of the document on the touch-sensitive display,

a display monitor in communication with the touch-sensitive display screen for detecting motion of a pointer across the touch-sensitive display,

an interface process in communication with the display monitor for processing the motion detected by the display monitor to detect one of a plurality of commands, wherein the plurality of commands includes a page curl command,

wherein, in response to the command detected by the interface process being the curl command, the engine renders the first page such that a corner of the page is displayed as being curled downward and renders a portion of second page of the document adjacent the curled page.

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54 (New) A computer device having a system for simulating tactile control over a document, comprising

a processor, memory, and a touch-sensitive display,

system code stored within the memory and adapted to be executed by the processor to provide a digital representation of a document including data content and a page structure representative of a page layout of the document,

an engine for rendering an image of at least a portion of the page layout of the digital representation on the touch-sensitive display,

a display monitor in communication with the touch-sensitive display screen for detecting motion of a pointer across the touch-sensitive display,

a velocity detector for determining a velocity vector based on a velocity of the detected motion,

an interface process in communication with the display monitor for processing the motion detected by the display monitor to detect one of a plurality of commands, wherein the plurality of commands includes a pan command,

wherein, in response to the command detected by the interface process being the pan command, the engine pans the displayed document on the display at a rate based on the determined velocity vector.

55. (New) The computing device of claim 54, wherein panning the displayed document comprises rendering different views of the document on the touch-sensitive display at a rate based on the determined velocity vector and a page inertia.

56. (New) A computer device having a system for simulating tactile control over a document, comprising

a processor, memory, and a touch-sensitive display,

system code stored within the memory and adapted to be executed by the processor to provide a digital representation of a document including data content and a page structure representative of a page layout of the document,

an engine for rendering an image of a portion of the page layout of the digital representation on the touch-sensitive display, wherein the portion comprises a first page of the document,

a display monitor in communication with the touch-sensitive display screen for detecting motion of a pointer across the touch-sensitive display,

an interface process in communication with the display monitor for processing the motion detected by the display monitor to detect one of a plurality of user interface commands, wherein the plurality of user interface commands includes a page flip command, wherein the interface process detects the page flip command in response to the display monitor detecting a brushing motion across a corner of the document rendered on the touch-sensitive display by the engine,

wherein, in response to the user interface command detected by the interface process being the page flip command, the engine renders a second page of the document on the touch-sensitive display.

57. (New) A computer device having a system for simulating tactile control over a document, comprising

a processor, memory, and a touch-sensitive display,

system code stored within the memory and adapted to be executed by the processor to provide a digital representation of a document including data content and a page structure representative of a page layout of the document,

an engine for rendering an image of a portion of the page layout of the digital representation on the touch-sensitive display, wherein the portion comprises a first page of the document,

a display monitor in communication with the touch-sensitive display screen for detecting motion of a pointer across the touch-sensitive display,

an interface process in communication with the display monitor for processing the motion detected by the display monitor to detect one of a plurality of user interface commands, wherein the plurality of user interface commands includes a page flip command, wherein the interface process detects the page flip command in response to the display monitor detecting a brushing motion across the document rendered on the touch-sensitive display by the engine,

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wherein, in response to the user interface command detected by the interface process being the page

flip command, the engine renders a second page of the document on the touch-sensitive display.